1/9 FIG. 1A

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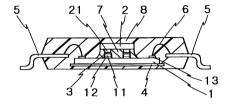


FIG. 1B

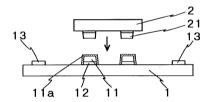
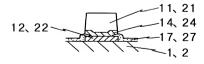


FIG. 1C



2/9 FIG. 2A

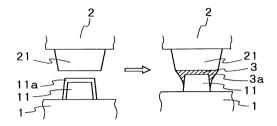


FIG. 2B

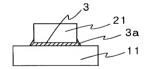


FIG. 3

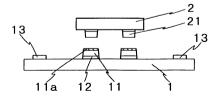




FIG. 4A

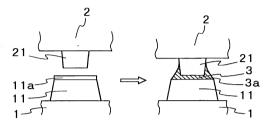


FIG. 4B

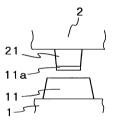
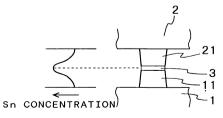


FIG. 5





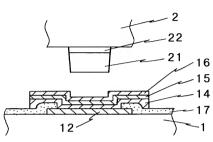


FIG. 7

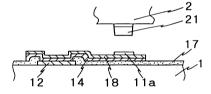
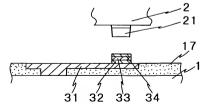


FIG. 8



5/9 FIG. 9

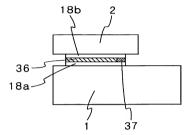


FIG. 10

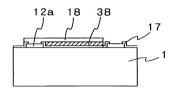
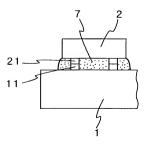
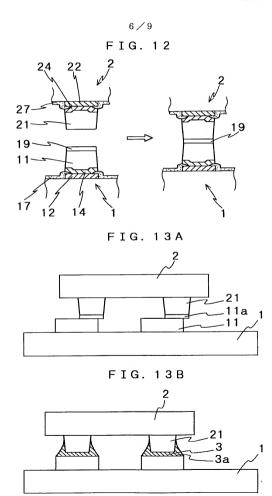


FIG. 11





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FIG. 14A

LIQUID PHASE DIFFUSION

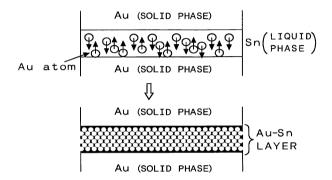
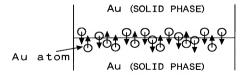
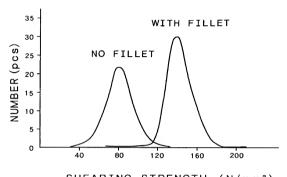


FIG. 14B

SOLID PHASE DIFFUSION

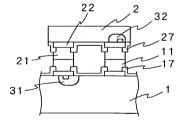


8/9 FIG. 15



SHEARING STRENGTH (N/mm²)

FIG. 16



9/9 FIG. 17

